

Abstract

The invention relate to a data processing appliance with a local computer unit which correspond to a local data file system for calling and for storing and for bi-directional data transferring of a 5 volume data file by means of a computer unit and an user identification unit, which is corresponding to the local computer unit, which enable an access on volume data files through the computer unit by an authorized user as a reaction on its positive identification only, whereby the volume data file in the local data file system is stored in a non-usable, encrypted form, which is not usable for a user, whereby a data transferring path of volume data file between the local 10 computer unit and the local data file system comprise a corresponding key management unit as a part and functionality of the local computer unit, which generate and assign at least one user specific and volume data specific key file for each volume data file, the key management unit with a portion of the local data file system, which is connected to the logically separated key database and for linking of a key file which is stored in the key database with a volume data file which is stored in a local data file system for generating an electronic document, that is usable by an user 15 whereby the key database is provided locally in the data processing appliance and assigned to the local data file system, but logical or structural or physical separated from a drive - or mass storage unit, which is assigned to the local data file system.